

Chapter 7 Cell Structure and Function

Section Review 7-3

Reviewing Key Concepts

Short Answer On the lines provided, answer the following questions.

1. What are two functions of the cell membrane?

2. What happens to a higher concentration of dissolved molecules on one side of a cell membrane during the process of diffusion?

3. What is osmosis?

Completion On the lines provided, complete the following sentences.

4. During the process of _____, a molecule such as glucose must use a protein channel to cross through a cell membrane.
5. For a molecule to move from an area of low concentration to high concentration, the process of _____ must occur.

Reviewing Key Skills

Interpreting Graphics On the lines provided, identify each diagram as showing an isotonic, a hypotonic, or a hypertonic solution inside the cell and describe how the concentration of water molecules will affect the shape of the cell.

6. _____

7. _____

8. _____

